APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

The Work of a Cutting Tool With Vibrodamping Edge, by L. K. Kuchma, 9 pp.

RUSSIAN, per, Vest Mash, No 5, 1956, pp 37-42.

Sci Mus Lib Tr 57/1522

Sci - Engr
Nov 57

55,089

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Cutting Tool With Wedge Fixing of Small Size Microlite Tip (Facing) for Single Use, by V. I. Kastorschchev.

RUSSIAN, per, Vest Mash, Vol XXXVI, No 6, 1956, pp 33-35.

Sci Mus Lib Tr 56/4120

Sci - Engr
Jul 57

49,377

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Electro-Spark Working of Drawplates or Dies, by Z. Shteiringer.

RUSSIAN, mo per, Vest Mash, Vol XXXVI, No 6, 1956, pp 48-50.

Co-Op Trans Sch Tr 299
18s.0d.

Sci - Engineering
Feb 1957 CHS/dex

43, 951

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Rational Method of Electro-Spark Broaching Shaped Holes, by K. K. Mamitokov et al.

RUSSIAN, no per, Vest Mash, Vol XXXVI, No 6, 1956, pp 51-52.

Co-Op Trans Sch Tr 298
8s.0d.

45,952

Sci - Engineering
Feb 1957 CRB/dex

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Effect of the Material of the Surrounding Parts and on the Fatigue Strengths of Axles and Shafts, by I. V. Kudryavtsev, N. M. Savvina. UNCL

RUSSIAN, per, Vest Mash, No 7, 1956, pp 10-14.

DSIR 34006/CT

Sci - Engr
Mar 59

83,387

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Boron-Needled Plain Carbon Cast Steel, by Ya. E. Gol'dshtein, L. L. Pyatakova, O. D. Zhizhekina.

RM
RUSSIAN, per, Vestnik Mashinostroeniya, Vol XXXVI, No 7, 1956, pp 23-27.

Brutcher Tr 3986
$5.80

Sef - Min/Met

57, 382

Jan 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Quality and Finish of Surfaces Worked With Ceramic Cutting Tools, by V. I. Zhikharev.

RUSSIAN, per, Vest Mash, Vol XXXVI, No 7, 1956, pp 42-44.

Co-Op Trans Sch Tr 351 (?)
15a.Od.

Sci - Engr
Jul 57

49,169

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Phosphate Coating as an Aid in Running In of Friction Components, by A. A. Novik.

RUSSIAN, per, Vest Mash, Vol XXXV, No 7, 1956, pp 63, 64.

HB 4932

Bri - Engr

Jun 61

150,805

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Standardization and Normalization in Machine-Building, by A. I. Barenov, V. V. Kuzmin, 5 pp.

RUSSIAN, per, Vest Mash, Vol XXXVI, No 7, 1956, pp 89, 90. CIA 650542

MTIC F-TS-9451/III

USSR
Econ
Nov 59

102,407

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

The Determination of the Actual Cross-Section of Cut in Machining Processes, by N. A. Shevchenko, 11 pp.

RUSSIAN, per, Vest Mash, Vol XXXVI, No 8, 1956, pp 46-50.

Sci Mus Lib Tr 57/0428

Sci - Engr
Jun 57

48, 462

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Dynamometer for Measurement of Metal-Cutting Forces, by K. K. Namitokov, E. M. Gannpol'skiy, 4 pp.

RUSSIAN, per, Vest Mash, Vol XXXVI, No 8, 1956, pp 47-48.

Sci Mus Lib Tr 57/0788

Sci - Min/met
Jul 57

49,811

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Closed Dies for Stamping Parts Made of Nonferrous Metals and Alloys, by B. N. Shevelkin, A. P. Golovanova, 4 pp.

RUSSIAN, PER, Vest Mash, Vol XXXVI, No 8, 1956, pp 58, 59. CIA 632541

ATIC P-TS-10109/V

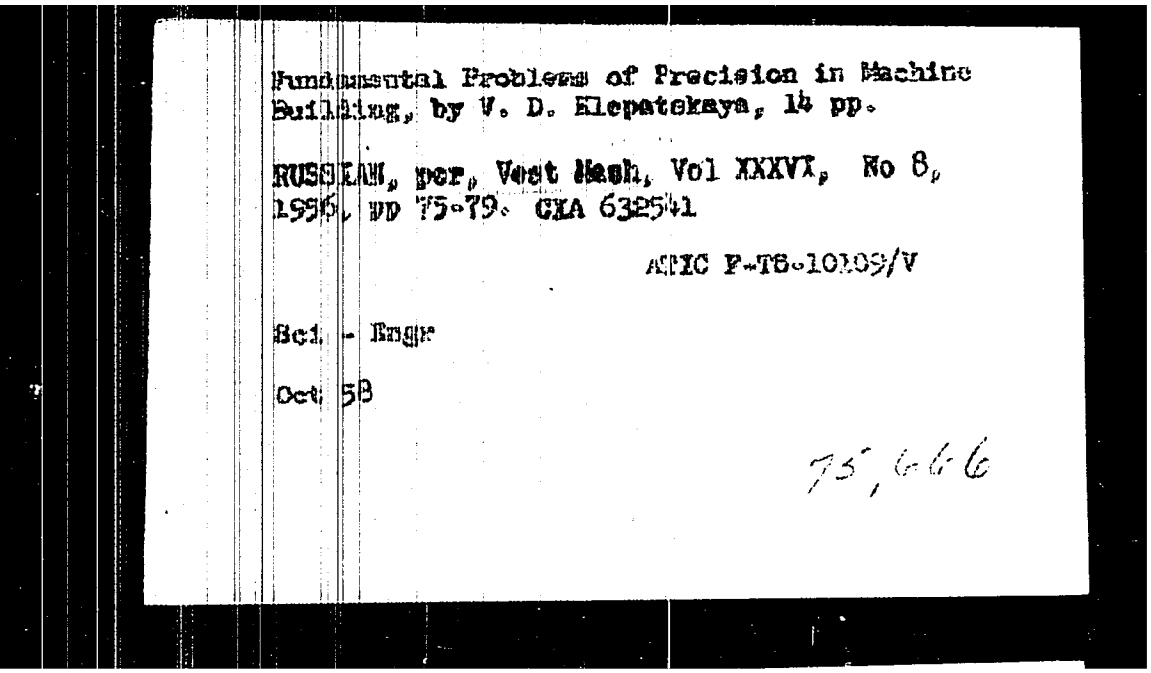
Sci - Engr

Oct 58

75, 665

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3



Fundamental Problems of Precision in Machine Building, by V. D. Klepatskaya, 14 pp.

RUSSIAN, per, Vest Mash, Vol XXXVI, No 8, 1956, pp 75-79. CIA 632541

ATIC F-TS-10109/V

Bel - Engr

Oct 58

73,666

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Ultrasonic Inspection of Bearings, by R. A. Semenov, V. G. Bogatyrev,

RUSSIAN, per, Vest Mash, Vol XXXVI, No 9, 1956, pp 65-67.

HB 3873

Sci - Engr

Apr 61

144,985

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Chemical Analysis of the Surface Layers of Metal Exposed to Different Types of Wear, by B. I. Kostetskiy, N. I. Colego, F. K. Topekha.

RUSSIAN, Per, Vestnik Mashinostroeniya, Vol XXXVI, No 10, 1956, pp 25, 26.

Brutcher Tr 4037
$1.90

Sci . Min/Met

57,376

Jan 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Effect of Heavy-Feed Cutting on Wear Resistance of Steel, by G. V. Karponko, A. I. Yatzyuk, 4 pp.

RUSSIAN, per, Vest Mash, No 10, 1956, pp 32-34.

Sci Mus Lib Tr 57/2267

Sci & Min/met
Nov 57

55,134

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Mechanical Properties of Steel After Surface Impregnation With ~~EX~~ Chromium, by G. N. Dubinin.

RUSSIAN, per, Vest Mash, Vol XXXVI, No 10, 1956, pp 56-58.

HB 4296

Sci - Min/Met

Oct 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Moderne Automatisierte und Mechanisierte Anwaermeanlage fuer Schmiedestuecke, by A. M. Mansurov. (unpubl tr).

RUSSIAN to GERMAN, per, Vest Mash, Vol XXXVI, No 10, 1956, pp 577-584.

IDU 692
Institut fuer Dokumentation
Uebersetzungsnachweis
Berlin, W 8
Unter den Linden 8

Apr 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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Depth of Strain-Hardened Layer Produced by Shot Peenin
by N. A. Petrova, M. Ya. Shashin.

RUSSIAN, mo per, Vest Mashinostroy, Vol XXXVI, No 11,
Moscow, 1956, pp 47-50.

Brutcher Tr 4024
$3.90

Sci - Min/Met

57,034

Jan 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

New Method of Increasing the Wear Resistance of Tracks with Open Bushings, by A. A. Maurakh.

RUSSIAN, per, Vest Mash, Vol XXXVI, No 12, 1956, pp 16-18.

Brutcher Tr 3962
$3.85

Sci - Min/Met

Apr 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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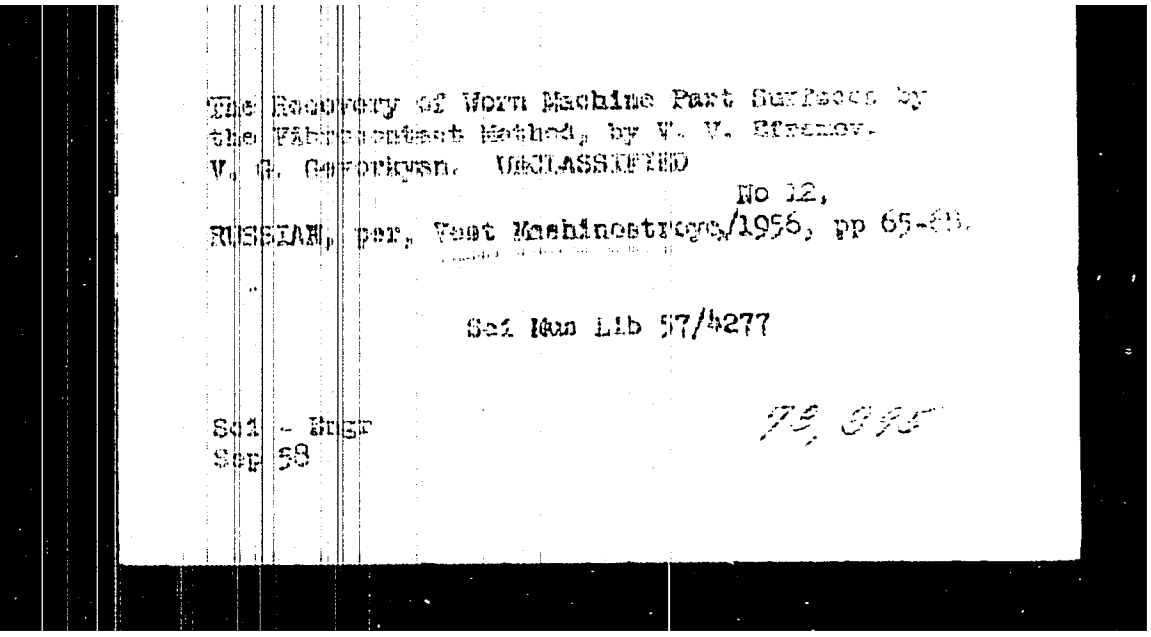

The Recovery of Worn Machine Part Surfaces by the Fabricantent Method, by V. V. Efremov. V. G. Gavrikyan. UNCLASSIFIED

No 12,
RUSSIAN, per, Vest Mashinostroye, 1956, pp 65-[illegible].

Sci Man Lib 57/4277

Sci - Engr
Sep 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

A New Method of Surface-Hardening Machine Parts, by A. A. Vorobyov, 3 pp. UNCLASSIFIED

RUSSIAN. per, Vest Mashinostroy, Vol XXXVI, No 12, 1956, pp 69, 70.

Sci Mus Lib 58/0633

Sci - Engr
Oct 58

TS, 3701

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Graphic Seals for Rotating Shafts, by L. A. Plutalove, 11 pp.

RUSSIAN, pers, Vest Mash, Vol XXXVII, No 2, 1957, pp 3-8.

AEC IGIS-54(RD/R)

NLL [illegible]

Sci -
May 60

117,466

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Plutalova, L. A.
GARNITURES D'ENCHÉITÉ EN GRAPHITE POUR LES AXES DE ROTATION [Grafitovye Uplotneniya Vrashchayushchikhsya Valov [Graphite Seals for Rotating Shafts] tr. by Stchouzkoy. 5 Apr 60 [25]p, 4 refs. CEA Trans. no. R 879 (text in French). Order from OTS or SLA $2.60 61-15763

Trans. in French of Vest[nik] Mashinostr[oeniya] (USSR) 1957 [v. 37] no. 2, p. 3-8.
A translation in English is available from LC or SLA mi$2.40, ph$3.30 as 61-13618, IGIS-64(RD/R), 1959 [11]p.

DESCRIPTORS: *Shafts, *Graphite, *Seals, Materials, Lubricants, Lubrication.

The manufacture, advantages and drawbacks of graphite are discussed.
(Materials--Lubricants, TT, v. 6, no. 10)

61-15763

I. Plutalova, L. A.
II. CEA-tr-R879
III. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Machinability of Steel 40KhNVA in Turning and Drilling, by P. A. Markelov.

RUSSIAN, per, Vest Mash, Vol XXXVII, No 2, 1957, pp 54-55.

DSIR/31212/CT

Sci - Engr; Min/met
Feb 58

58,852
Lib
Sci Mus
57/2824
ASLIB-GBI

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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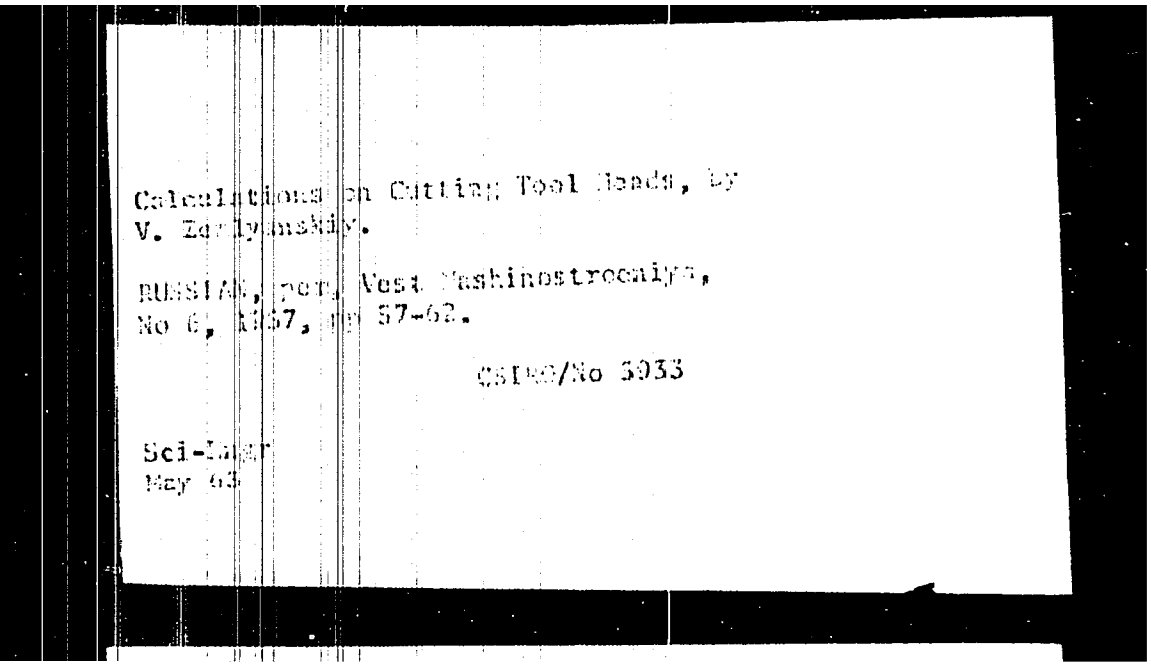

Calculations on Cutting Tool Loads, by
V. Zaritymskiy.

RUSSIAN, per. Vest. Mashinostroeniya,
No 6, 1957, pp 57-62.

CSIRO/No 5933

Sci-Lab
May 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Depth of Sulfur-Enriched Zone Produced When Sulfidizing Steel and Cast Iron, by G. V. Karpenko, et al.

RUSSIAN, mo per, Vest Mashinostroy, Vol XXXVII, No 2, 1957, pp 61, 62.

Henry Brutcher
Tr 3932
$ 2.90

50,741

Sci - Min/Metals, metallurgy
Aug 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Temperature Deformations of the Tool During the Cutting of Cast Iron, by V. I. Ishutkin. UNCL

RUSSIAN, ppr, Vest Mash, No 3, 1957, pp 44-46.

DSIR 34226/CT

Sci - Engr
Mar 59

83,390

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

The Temperature of Surface Layers of the Workpiece During Grinding, by Sh. M. Dubinskiy, USCL

RUSSIAN, per, Vest Mash, Vol XXXVII, No 3, 1957, pp 48-50.

DSIR/33033/CT

Sci - Engr
Feb 59

81,421

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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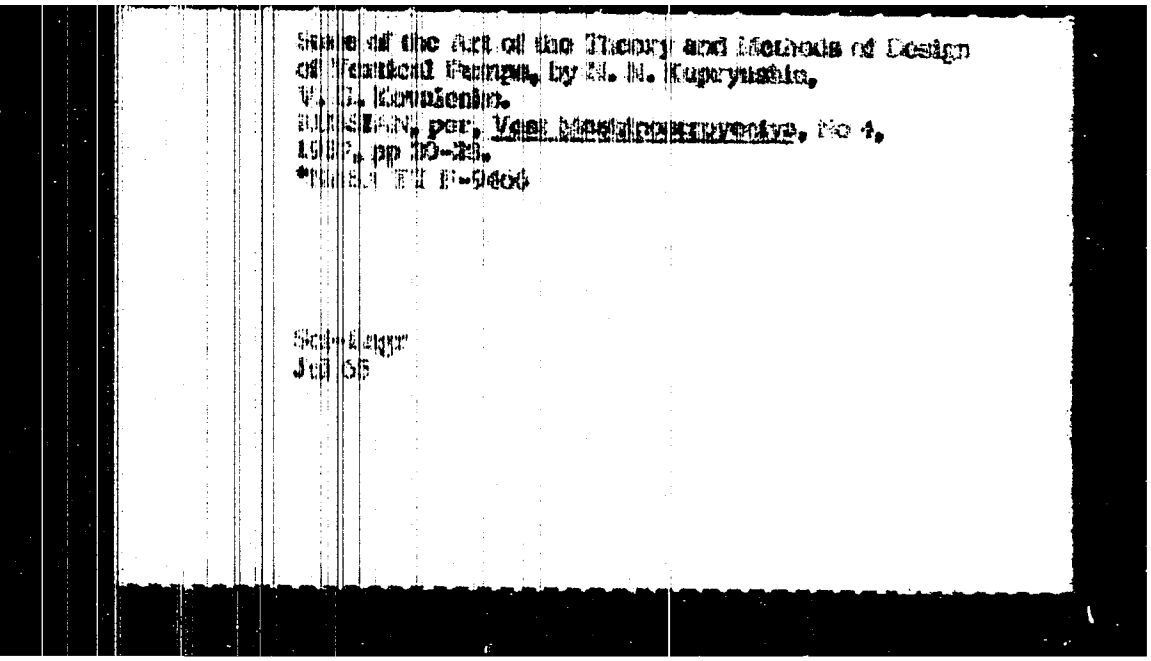

State of the Art of the Theory and Methods of Design
of Ventilated Pumps, by M. M. Kuperyushin,
V. I. Konishchin.
SUBSTAN, per, Vsesoyuznoye, No 4,
1955, pp 30-32.
*[illegible] Ill Published

Sci-Tech
Jul 56

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

A New Horizontal Boring Mill, by N. G. Tevs,
(USSR Prod of Indus Equip, 40).

RUSSIAN, mo per, Vest Mashinostroy, May 1957,
pp 23, 24.

CIA/FDD Sum 1535

53,807

USSR

Econ - Machinery

Oct 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Problems in the Designing of Pump Drives Without Accumulator for Hydraulic Presses, by Prof A. I. Zin W. S. Dobrinskiy, 16 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XXXVII, No 5, 1957, pp 37-42.

ATIC F-TS-9270/III

57,883

Sci - Engr

Jan 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Machining Hard Alloys With Electroconductive Abrasives With Graphite Filler, by N. K. Trushin, 7 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XXXVII, No 5, 1957, pp 59-61.

Brutcher 4/65
ATIC F-TS-9270/III

Sci - Mfg Engr 57,876

Jan 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Effect of Grinding on the Wearing Quality of Cementation Parts, by D. S. Velenevskiy, 14 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XXXVII, No 5, 1957, pp 65-69.

ATIC F-TS-9270/III

Sci - Engr

57,877

Jan 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Calculations on Cutting Tool Heads, by V. Zemlyanskiy.

RUSSIAN, per, Vest Mashinostroeniya, No 6, 1957, pp 57-62.

CSIRO/No 5933

Sci-Engr
May 63

229,857

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Influence of Qualities of Mild Steel Sheet on the Life of Deep Drawing Tools, by P. G. Kovtun. UNCL

RUSSIAN to GERMAN, per, Vest Mash, Vol XXXVII, No 8, 1957, pp 46, 47.

Verein Deutscher Eisenhuettenleute
Duesseldorf
Breite Strasse 27
Germany

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Use of Pneumatic Springs in a System of Suspending Passenger Cars, by V. V. Chirkin. UNCLASSIFIED

RUSSIAN, per, Vest Mash, Vol XXXVII, No 8, 1957, pp 84-87.

Co-Op Tr Scheme 493
(11.12s.)

Sci - Engr
Dec 58

77,642

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Scientific-Technical Conference on Semiconductors
Application, by M. I. Zborovskiy, 7 pp. UNCLASSIFIED

RUSSIAN, per, Vest Mash, No 9, 1957, pp 72-74.
CIA 60,053

ATIC F-TS-9403/III

Sci - Engr
May 58

64,056

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Sealing of Hydraulic Units With Metallic Slot Rings,
by T. M. Pashta, 9 pp. UNCLASSIFIED

RUSSIAN, per, Vest Mash, No 9, 1957, pp 20-24.
CIA 606879

ATIC P-TS-9397/III

Scl - Engr
May 58

64,055

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Electrochemico-Mechanical Machining of Hard Metals, by B. S. Korshunov.

RUSSIAN, per, Vest Mash, Vol XXXVII, No 9, 1957, pp 54-56.

Henry Brutcher 4441
$3.60

Sel - Engr

Apr 59

84,256

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Development of Construction Machinery in the USSR, by V. A. Bauman, 12 pp. (ID 2070930)

RUSSIAN, per, Vest Mash, No 11, 1957, pp 47-55.

ACSI H-0380

USSR

Econ

May 58

62,758

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Soviet Car Construction, by I. A. Morozov, 13 pp.

RUSSIAN, per, Vest Mash, No 12, 1957, pp 7-14.

ACSI, R-0770

USSR
Econ

Mar 58

61,042

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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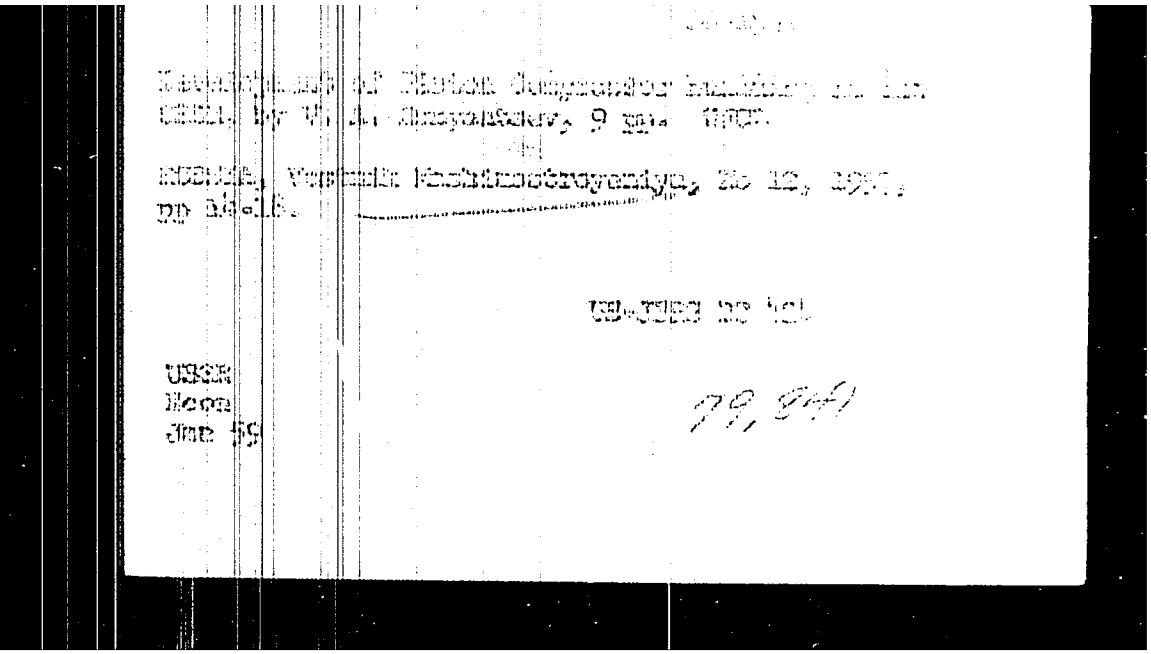

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

DC-1531

Development and Prospects of Steel Foundry Production In Heavy Machine Building, by I. R. Kryanin, P. F. Vasilevskiy; 9 pp. UMCL

[redacted]
RUSSIA, Vestnik Mashinostroyeniya, No 12, 1957, pp 28-33.

US JPRS DC-425

79,842

USSR
Econ
Jan 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

The Calculation of the Cutting Force in Turning and Milling Grey Cast Iron, by Yu. A. Rozenberg, L. M. Sedokov. UNCL

RUSSIAN, per, Vest Mshh, Vol XXXVII, No 12, 1957, pp 68-71.

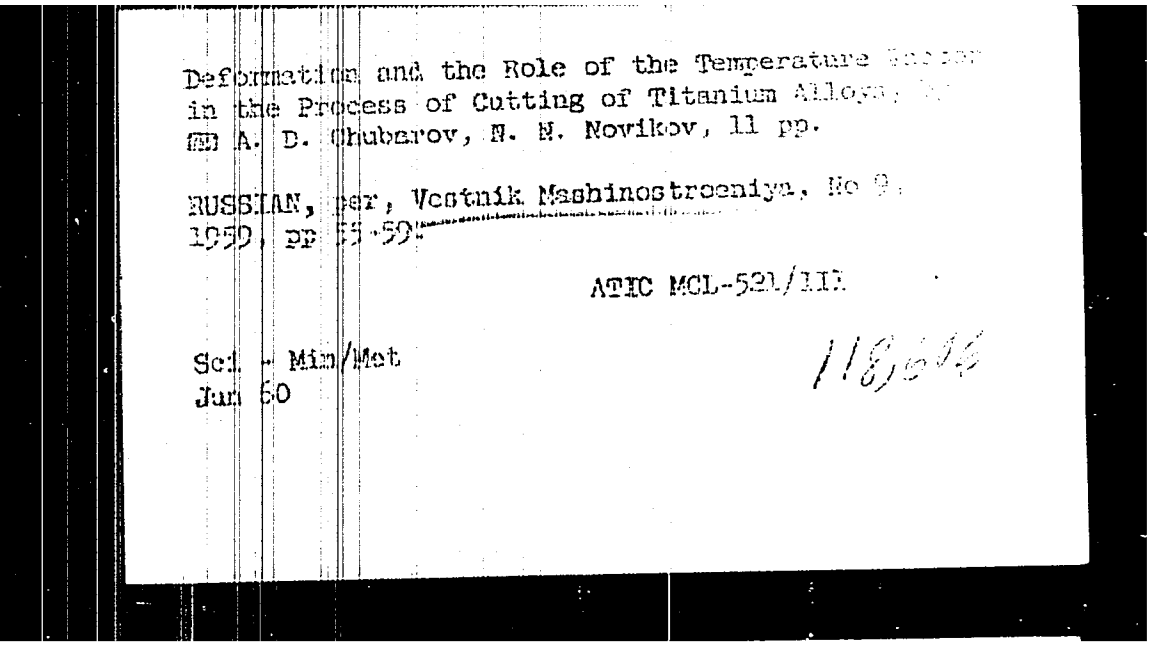
DSIR 33923/CT

Sci - Engr, machining
Mar 59

83,200

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3



Deformation and the Role of the Temperature [illegible]
in the Process of Cutting of Titanium Alloys [illegible]
(RU) A. D. Chubarov, N. N. Novikov, 11 pp.

RUSSIAN, per, Vestnik Mashinostroeniya, No 9,
1959, pp 55-59.

ATIC MCL-521/III

Sci - Min/Met
Jun 60

118,643

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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The Utilization of Gas Turbines in Various Branches of the National Economy, by A. A. Kanayev. UNCLASSIFIED

RUSSIAN, per, Vest Mash, pp 3-9.

Navy Tr 1742/ONI 195

Sci - Eng
USSR
Econ
Jul 58

66,364

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Design of Seals for Rotary Type Hydraulic Machine Sets, by T. M. Bashta.

RUSSIAN, per, Vestnik Mashinostroyeniya, No , 1958, pp 24-27.

DSIR LIU RTS 1145

Sci - Engr

Oct 60

128,707

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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Improving the Wearing Properties of Bush and Bush-Roller Chains, by A. K. Stetsenko, S. P. Lobshanidze.

RUSSIAN, per, Vestnik Mashinostroyeniya, No 1, 1958, pp 27-30.

OTS 60-23535
DDIR LLU RTS 1140

Sci - Engr

Oct 60

128,713

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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Universal Flying Shears for Cutting Sectional Metal, by T. S. Pobedin, T. F. Prikhodko, V. L. Stolmanovich, 15 pp. UNCL.

RUSSIAN, per, Vest Mash, No 1, 1958, pp 42-47.

LLU Tr Bul Nov 1959

Sol - Engr
Dec 59

101,740

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Fliegende Universal-Formstahlschere, by I. S. Pobedin, et al. (unpubl tr)

RUSSIAN to GERMAN, per, Vest Mash, No 1, 1958, pp 42-47.

IDU 706
Institut fuer Dokumentation
Uebersetzungsnachweis
Berlin, W.8

Unter den Linden 8

Apr 60

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

New Structural Low Alloy Steels, by I. S. Kozlovskiy,
UNCLASSIFIED

RUSSIAN, per, Vest Mash, No 2, Feb 1958, pp 6-8.

Navy Tr 1745/ONI 206

Sci - Min/Metals
Jul 58

66,365

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Cavitation Resistance of Electrodeposited Chromium, by M. G. Timerbulatov, V. E. Khromov.

RUSSIAN, per, Vest Mashinostroy, Vol XXXVIII, No 2, 1958, pp 56-58.

Bruthcher Tr 4212
$4.90

Sel - Engr

Aug 58

68,199

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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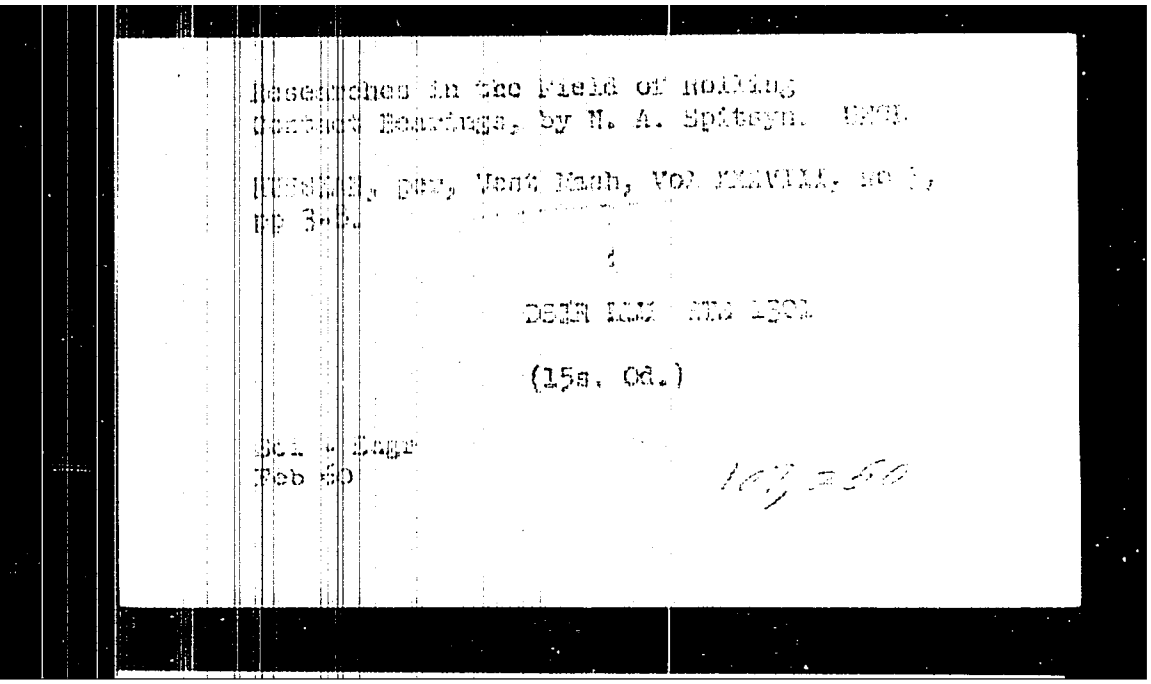

Researches in the field of rolling
Journal Bearings, by N. A. Spitsyn. 1951.

[illegible], per, Vest Mash, Vol XXXVIII, no 1,
pp 3-9.

[illegible]

DESN XXX NNA 1301

(15s, 0R.)

Sci - Engr
Feb 60

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

The Strength and Resistance to Wear of Components of Anti-Friction Bearings, by S. V. Pinegin. UNCL

RUSSIAN, per, Vest Mash, Vol XXXVIII, No 3, 1958, pp 8-11.

DSIR LEU RTS 1302

(10s. 0d.)

102,513

Ecl - Engr
Dec 59

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

The Distribution of Static Pressures on Bearing Rollers, by M. V. Rodzevich, V. I. Rul'kov. USOL

RUSSIAN, per, Vest Mash, Vol XXXVIII, No 3, 1958, pp 12, 13.

DSIR LLU RTS 1303

(5s. 0d.)

Sci - Engr; Phys
Dec 59

102, 514

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Decrease of Friction in Rubber-Lined Bearings During Starting, by A. V. Kol'chenko, 2 pp.

[illegible], Vest Mash (USSR), Vol XXIVIII, No 3, 1938, pp 27, 28.

Assoc Tech Serv
95827/R

Bel - Engr
May 59
ORD, V 1, No 6

86,353

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Research on Friction Losses in Ball and Roller Bearings Under Various Operating Conditions, by A. I. Solov'yev.

RUSSIAN, per, Vestnik Mashinostroyeniya, No 3, 1958, pp 29-31.

DSIR LLU RTS 1146

Sci - Engr

Oct 60

128,709

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Preparation of Press-Fitted Bearing Bushings Made of Sheet Babbit, by V. A. Kel'dyushev.

RUSSIAN, per, Vest Mashinostroy, Vol XXXVIII, No 3, 1958, pp 38, 39.

ATS RJ-1743

Sci - Engr
Jul 59

90,469

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Development of Metal Casting Methods in the German Democratic Republic, by H. F. Zorev, 9 pp. Illus

[illegible], [illegible], Vest Mash, No 3, 1958, pp 77-82.

LLU Tr Bul
Mar 1960

NEur - East Germany
Econ ...
Apr 60

112,833

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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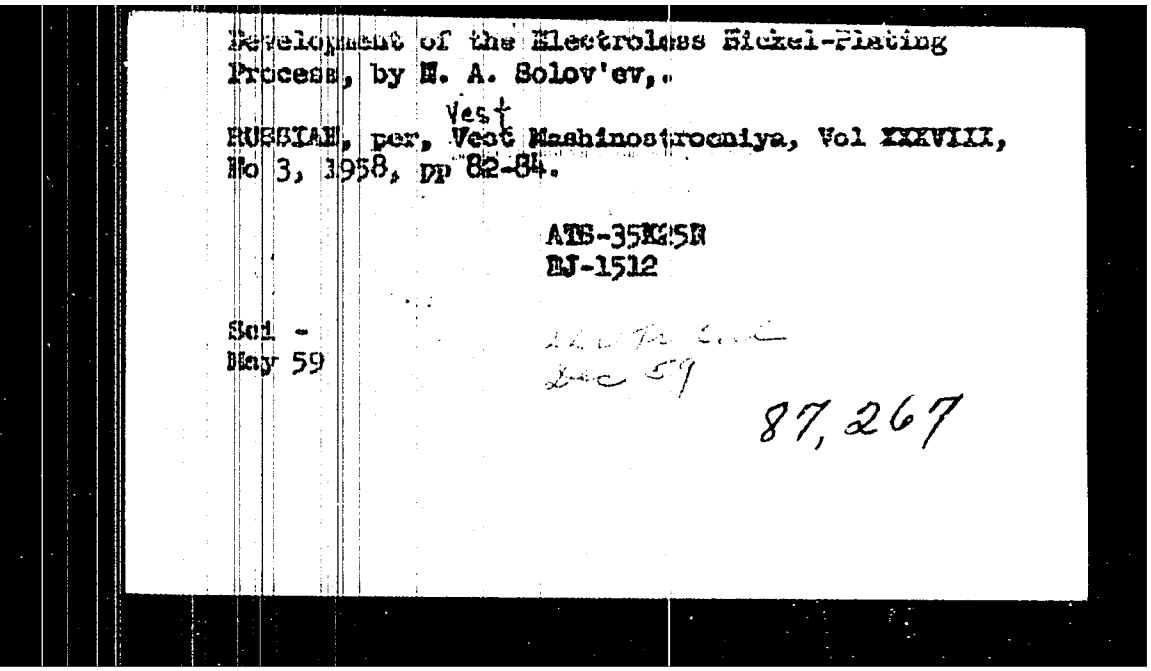

Development of the Electroless Nickel-Plating Process, by M. A. Solov'ev,.

RUSSIAN, per, Vest Mashinostroeniya, Vol XXXVIII, No 3, 1958, pp 82-84.

ATS-35X-58
BJ-1512

Sal -
May 59

87,267

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Finishing Holes by Ball Rolling, by Yu. G. Shneider.

RUSSIAN, per, Vestnik Mashinostroyeniya, No 4, 1958, pp 59-62.

DSIR LIU RTS 1147

Sci - Engr

Oct 60

128,708

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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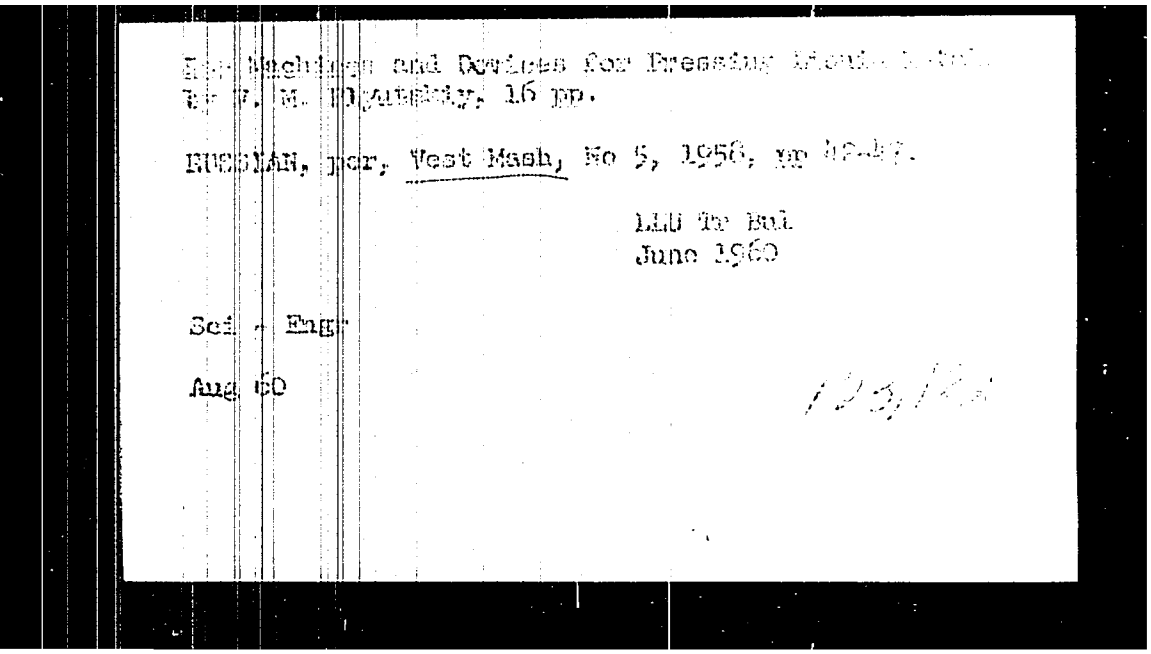

Machines and Devices for Pressing Metal [illegible]
by V. M. Ogurtsov, 16 pp.

RUSSIAN, jour, Vest Mash, No 5, 1956, pp 42-47.

LLL To Bal
June 1960

Sci - Engr

Aug 60

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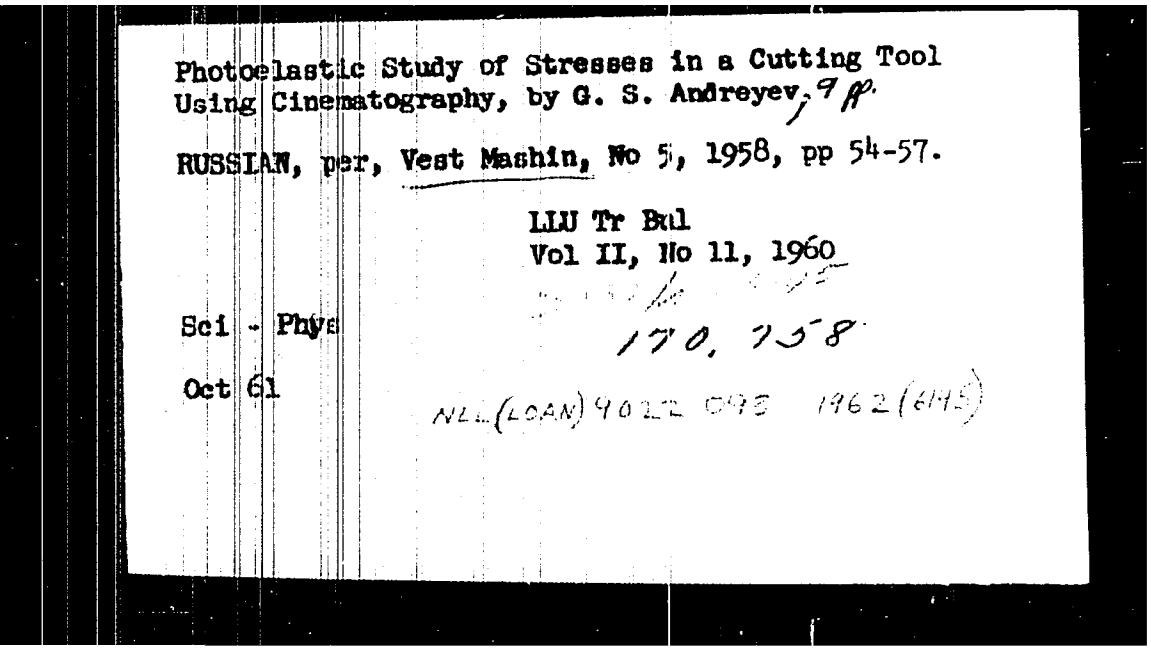

Photoelastic Study of Stresses in a Cutting Tool Using Cinematography, by G. S. Andreyev, 9 pp.

RUSSIAN, per, Vest Mashin, No 5, 1958, pp 54-57.

LLU Tr Bul
Vol II, No 11, 1960

Sci - Phys

Oct 61

170. 758
NLL (LOAN) 9022 093 1962 (6145)

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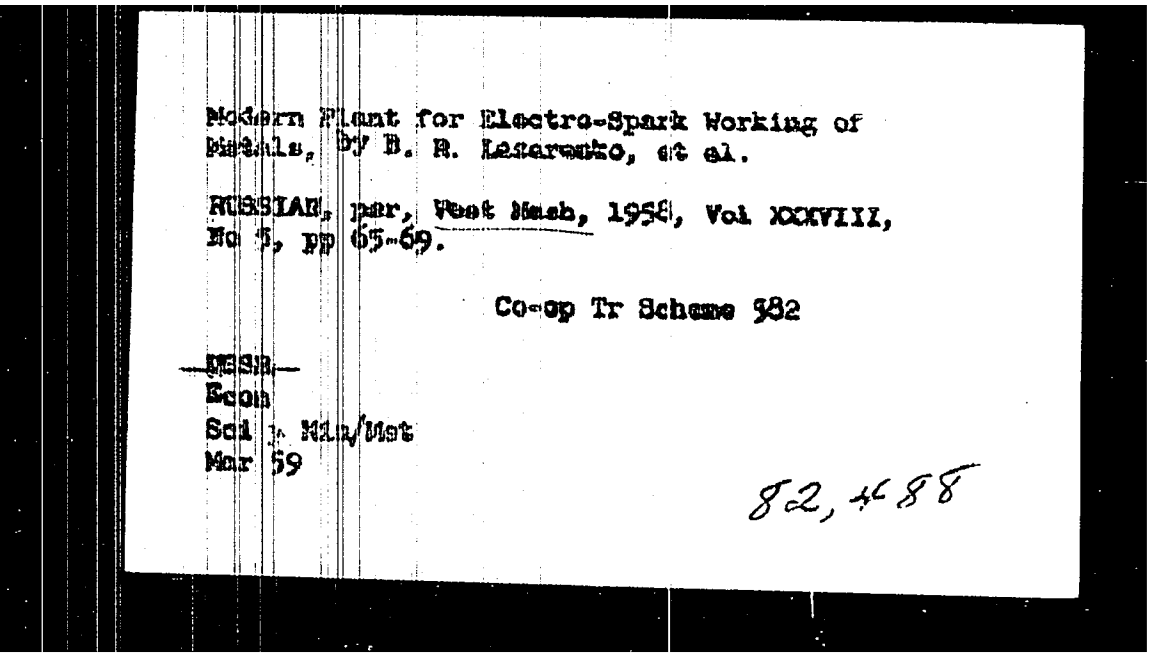

Modern Plant for Electro-Spark Working of Metals, by B. R. Lazarenko, et al.

RUSSIAN, par, Vest Mash, 1958, Vol XXXVIII, No 5, pp 65-69.

Co-op Tr Scheme 382

MESH
Econ
Sci & Min/Met
Mar 59

82, 4688

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Modern Trends in the Development of Automatic Conveyors, by B. A. Chelishchev, 5 pp.

RUSSIAN, per, Vest Mash, No 6, 1958, pp 3-5.

LLU Tr Bul
Jul 60

Sci - Engr

128,833

Oct 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Investigation of Loop Scavenging for Two-Stroke Engines Using a One-Cycle Model., by M. G. Kruglov, Yu. I. Egunyan.

RUSSIAN, per, Vestnik Mashinostroyeniya, No 6, 1958, pp 22-25.

DSIR LLU RTS 1155

Sci - Engr

Oct 60

128,703

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Determination of Thickness of Babbitt Lining for Friction Bearings, by B. I. Smirnov.

RUSSIAN, per, Vestnik Maahinostroyeniye, No 6, 1958, pp 26-28.

OTS 60-23796
DSIR LLU RTS 1156

Sci - Engr

Oct 60

128,705

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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New Design of Two-Stage Pump, by V. A. Lyubchenko, M. Z. Loshak.

RUSSIAN, per, Vest Mashin, No 6, pd 1958, p 33.

LLU Tr Bul
Vol II, No 2 11, 1960,

Sci

Oct 61

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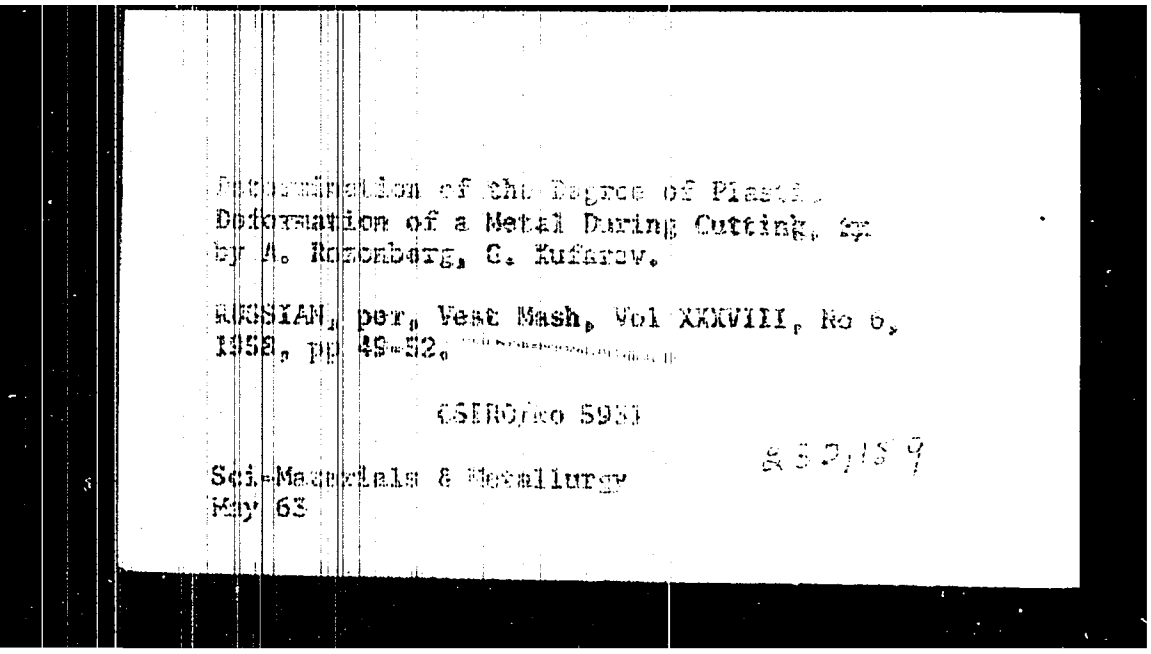

Determination of the Degree of Plastic Deformation of a Metal During Cutting, by
by A. Rozenberg, G. Kufarov.

RUSSIAN, per, Vest Mash, Vol XXXVIII, No 6,
1958, pp 49-52.

GSIRO/co 5931

Sci-Materials & Metallurgy
May 63

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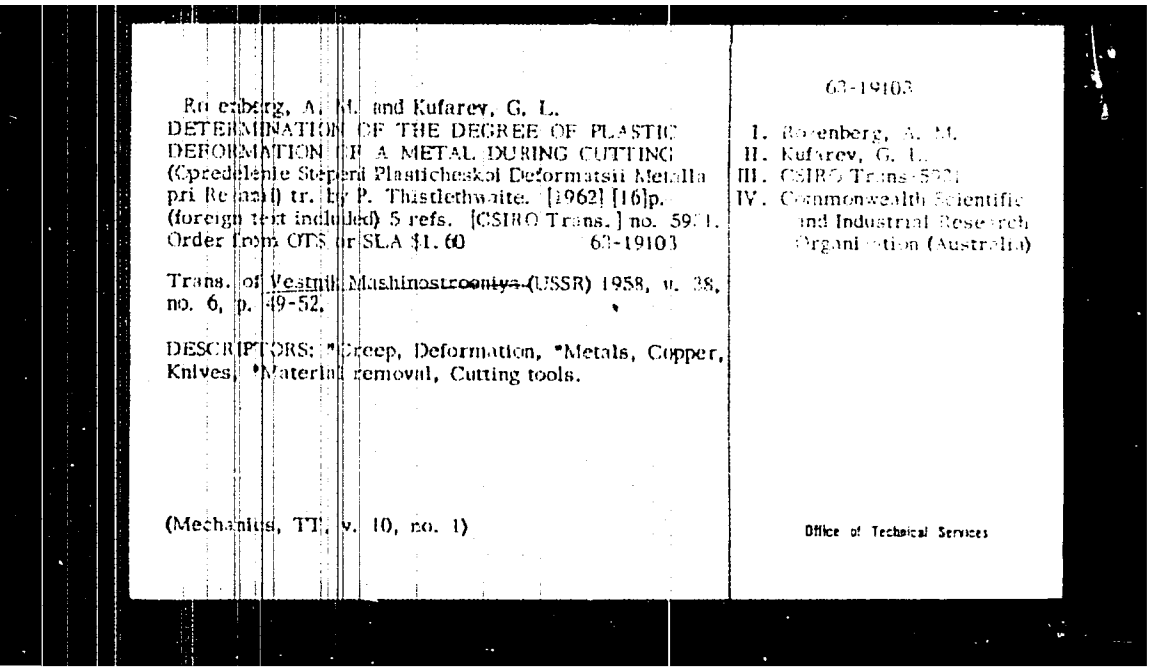

Rozenberg, A. M. and Kufarev, G. L.
DETERMINATION OF THE DEGREE OF PLASTIC DEFORMATION OF A METAL DURING CUTTING (Opredelenie Stepeni Plasticheskoi Deformatsii Metalla pri Rezanii) tr. by P. Thistlethwaite. [1962] [16]p. (foreign text included) 5 refs. [CSIRO Trans.] no. 5971. Order from OTS or SLA $1.60 63-19103

Trans. of Vestnik Mashinostroeniya (USSR) 1958, v. 38, no. 6, p. 49-52.

DESCRIPTORS: *Creep, Deformation, *Metals, Copper, Knives, *Material removal, Cutting tools.

(Mechanics, TT, v. 10, no. 1)

63-19103

I. Rozenberg, A. M.
II. Kufarev, G. L.
III. CSIRO Trans-5971
IV. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

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High Frequency Metallisation, by A. P. Vlasov, A. I. Ponomarev.

RUSSIAN, per, Vestnik Mashinostroyeniya, No 6, 1958, pp 59-62.

DSIR LLU RTS 1151

Sci - Min/Met

Oct 60

128,710

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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A MECHANICAL VIBRATOR WITH INDEPENDENT ADJUSTMENT OF AMPLITUDE AND FREQUENCY, BY D. I. SHIL'KRUT, ET AL.

RUSSIAN, PER, VEST MASHIN, VOL XXXVIII, NO 6, 1958, PP 63, 64.

NLL M. 4985

SCI - ENGR

OCT 62

214,740

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Self-Contained Pneumatic Chucks for Turret Lathes,
by V. A. Volosatov, 7pp,

RUSSIAN, per, Vest Mashin, No 6, 1958, pp 64-67.

LLL Tr Bul
Vol II, No 11, 1960

Sci . Engr

Oct 61

170, 73-9

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Increasing the Efficiency of Anti-Friction Bearings and Reducing Specific Metal Consumption, by A. M. Kovalevskiy.

RUSSIAN, per, Vestnik Mashinostroyeniya, No 8, 1958, pp 3-9.

OTS 60-23797
DSIR LIU RTS 1159

Sci - Engr

Oct 60

128,704

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Aerodynamic Bearings for High Speed Motors and Turbines, by S. A. Shaynberg and A. M. Kharitonov.
RUSSIAN, per, Vestnik Mashinostroeniya, 1958, No 9, pp 14-17.
NLL RTS 2601 (On Loan or Purchase)
CFSTI TT 64-18926

Aug 65 287,000

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

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Variable-Speed V-Belt Drive With a Wide Range of Control, by V. F. Mal'tsev, P. A. Kovalev.

RUSSIAN, per, Vestnik Mashinostroyeniye, No 8, 1958, pp 27-29.

DSIR LLU RTS 1160

Sci - Engr

Oct 60

128,706

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

The Development of Forging Plants, by V. A. [illegible],
16 pp.

RUSSIAN, per, Vest Mash, Vol XXXVIII, No 8,
1958, pp 32-38.

LLL Tr Dtl
May 60

122,578

Sci - Engr

Aug 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201220071-3

Welded Steel-Casting Ladle, by P. N. Kichaev and G. A. Dubrovin.
RUSSIAN. per. Vestnik Mashin. Vol 38, No 8, 1958, pp 56-57.
BISI 6207

Sci-Mat
Mar 68

349.354

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